

**Remarks**

This Application has been carefully reviewed in light of the Final Office Action ("Office Action") mailed electronically on May 26, 2010. Applicant appreciates the Examiner's consideration of the Application. Claims 1-24 are pending and stand rejected. Applicant respectfully requests reconsideration and allowance of all pending claims.

**Rejections under 35 U.S.C. § 103**

The Examiner rejects Claims 1-4, 7-10, 13-16, and 19-22 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,279,113 issued to Vaidya ("*Vaidya*") in view of U.S. Publication No. 20050037733 issued to Coleman et al. ("*Coleman*"); Claims 5, 11, 17, and 23 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over *Vaidya* in view of *Coleman* in view of U.S. Publication No. 2004/0172557 issued to Nakae et al. ("*Nakae*"); Claims 6, 12, 18, and 24 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over *Vaidya* in view of *Coleman* in view of *Nakae* in view of U.S. Patent No. 7,032,114 issued to Moran ("*Moran*"). Applicant respectfully traverses these rejections for at least the reasons discussed below.

In order to establish a *prima facie* case of obviousness of a claimed invention, all claim limitations must be taught or suggested by the prior art. See M.P.E.P. § 2143.

Claim 1 recites, in part:

- determining an initial system certainty value for the computer system;
- providing access to a database of signatures, each signature including a signature certainty value;
- receiving data;
- comparing the received data with the database of signatures;
- increasing the system certainty value if the received data does not match a signature in the database;
- decreasing the system certainty value if the received data matches a signature in the database; and
- filtering the data based on the system certainty value and the signature certainty value of a signature matching the received data.

Applicant respectfully contends that the proposed *Vaidya-Coleman* combination fails to disclose, teach, or suggest every limitation of Claim 1. The Office Action states that *Vaidya* fails to explicitly disclose the limitations "determining an initial system certainty

value for the computer system,” “increasing the system certainty value if the received data does not match a signature in the database,” and “decreasing the system certainty value if the received data matches a signature in the database.” *Office Action*, pgs. 5-6. Instead, the Office Action relies on *Coleman* as disclosing or suggesting these limitations. *Office Action*, pgs. 5-8.

*Coleman* discloses a method and system that “provides autonomous wireless intrusion detection and prevention, with minimal or no operator intervention.” *Coleman*, Abstract. In rejecting these claims, the Office Action relies on the “mistrust level for each wireless network device” as reciting an initial system certainty value for the computer system. *Office Action*, pg. 5. Applicant respectfully disagrees. These mistrust levels correspond to individual levels associated with each wireless network device located within a computer system. There is no disclosure, teaching, or suggestion of a single initial system certainty value for the computer system.

Furthermore, even if the Office Action’s proposed mapping is correct (a point Applicant does not concede), Applicant respectfully contends that *Coleman* fails to disclose, teach, or suggest “increasing the system certainty value if the received data does not match a signature in the database” and “decreasing the system certainty value if the received data matches a signature in the database.” While *Coleman* does disclose incrementing and decrementing the mistrust levels, Applicant respectfully contends that these changes are not based on either matching or not matching signatures. For instance, *Coleman* clearly states that “mistrust level decrementing is accomplished based on three parameters, described as follows: (1) a decrement timer D1 exceeds a mistrust level decrement interval from the operational protection suite; (2) mistrust level four has been reached, the wireless network device 36, 38 successfully re-authenticates, and re-login is also successful; (3) manual intervention 90 from the network administrator 92.” *Coleman*, ¶ 0121. Therefore, the decrementing process disclosed in *Coleman* is based only on timing, manual intervention, or re-authentication. There is no disclosure, teaching, or suggestion that matching or not matching a signature plays any role in this step.

In response to these arguments, the Office Action states “‘matching signatures’ specifically the ‘signatures’ can be any criteria that are deemed as an intrusion that is then matched or determined to be a known intrusion.” *Office Action*, pg. 13. Without conceding this point, Applicants respectfully maintains that *Coleman* only discloses “decrementing”

based on the three criteria listed above. This fails to disclose a decrementing step based on “any criteria that are deemed as an intrusion that is then matched.” Therefore, even under the Office Action’s proposed “broadest” interpretation, this cited portion fails to disclose, teach, or suggest “decreasing the system certainty value if the received data matches a signature in the database.” Accordingly, Applicant respectfully requests reconsideration and allowance of Claim 1.

Claims 2-4 depend from Claim 1 and incorporate all the limitations thereof. As such, Applicant respectfully requests reconsideration and allowance of Claims 2-5 for at least the same reasons as Claim 1.

Similar to Claim 1, Claims 7, 13, and 19 include elements directed to “increasing the system certainty value if the received data does not match a signature in the database” and “decreasing the system certainty value if the received data matches a signature in the database.” Thus, for at least the reasons discussed above with regard to Claim 1, Applicant respectfully requests reconsideration and allowance of Claims 7, 13, and 19. Claims 8-10 depend from Claim 7 and incorporate all the limitations thereof. Claims 14-16 depend from Claim 13 and incorporate all the limitations thereof. Claims 20-22 depend from Claim 19 and incorporate all the limitations thereof. As such, Applicant respectfully requests reconsideration and allowance of Claims 8-10, 14-16, and 20-22 be withdrawn.

The Examiner also rejects Claims 5, 11, 17, and 23 under 35 U.S.C. § 103(a) as being unpatentable over *Vaidya* in view of *Coleman*, in view of U.S. Publication No. 20040172557 issued to Nakae et al. (“*Nakae*”). The Examiner also rejects Claims 6, 12, 18, and 24 under 35 U.S.C. § 103(a) as being unpatentable over *Vaidya* in view of *Coleman*, in view of *Nakae*, and in view of U.S. Patent No. 7032114 issued to Moran (“*Moran*”). Applicant respectfully traverses these rejections for at least the reasons discussed below.

In rejecting each of these dependent claims, the Office Action relies on the proposed *Vaidya-Coleman* combination to disclose each and every element of the base independent Claims 1, 7, 13, and 19. As shown above, Applicant respectfully contends that this proposed combination fails to disclose, teach, or suggest every limitation of the independent base claims. The additional cited references fail to cure these deficiencies. As such, Applicant respectfully contends that Claims 5-6, 11-12, 17-18, and 23-24 are allowable over the cited

references. Accordingly, Applicant requests reconsideration and allowance of Claims 5-6, 11-12, 17-18, and 23-24.

**No Waiver**

All of Applicant's arguments are without prejudice or disclaimer. By not responding to additional statements made by the Examiner, Applicant does not acquiesce to the Examiner's additional statements. The remarks discussed by Applicant are sufficient to overcome the Examiner's rejections.

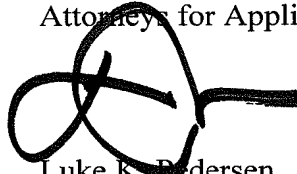
**CONCLUSION**

Applicant has made an earnest attempt to place this case in condition for allowance. For the foregoing reasons, and for other apparent reasons, Applicant respectfully requests full allowance of all pending claims.

Applicant believes that no fee is due. However, the Commissioner is hereby authorized to charge any fee or credit any overpayment to Deposit Account No. 02-0384 of BAKER BOTTS L.L.P.

If the Examiner believes a telephone conference would advance prosecution of this case in any way, the Examiner is invited to contact Luke K. Pedersen, Attorney for Applicant, at the Examiner's convenience at (214) 953-6655.

Respectfully submitted,  
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